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BOOKS RECEIVED FROM PUBLISHERS—1985-86

Aycox, F. (1985). *Games We Should Play In School.* Byron, CA: Front Row Experience.

Corbin, H.D. & Williams, E. (1987). *Recreation: Programming and Leadership.* Englewood Cliffs, NJ: Prentice Hall, Inc.

Hales, E. & Hales, R. (1985). *The U.S. Army Total Fitness Program.* New York: Crown Publishers, Inc.

Lapchick, R.E. (1986). *Fractured Focus.* Lexington, MA: D.C. Heath and Company.

Logsdon, B.J., Barrett, K.R., Ammons, M., Broer, M.R., Halverson, L.E., McGee, R., & Robertson, M.A. (1984). *Physical Education for Children: A Focus On The Teaching Process.* Philadelphia: Lea & Febiger.

Vanderwerken, D.L. & Wertz, S.K. (1985). *Sport Inside Out.* Fort Worth: Texas Christian University Press.

Yiannakis, A., McIntyre, T.D., Melnich, M.J., & Hart, D.P. (1980). *Sport Sociology* (2nd ed.). Dubuque; Kendall/Hunt Publishing Company.

Zeigler, E.F. (1986). *Assessing Sport and Physical Education: Diagnosis* and Projection. Champaign, IL: Stipes Publishing Company.